



**US Army Corps
of Engineers**
Portland District

PUBLIC NOTICE

for PERMIT APPLICATION

Issue Date: June 6, 2003

Expiration Date: July 7, 2003

Corps of Engineers Action ID: 200300259

30 Day Notice

Oregon Division of State Lands Number: 30265-GA

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States, as described below and shown on the attached plan.

Comments: Comments on the described work should reference the U.S. Army Corps of Engineers number shown above and should reach this office no later than the above expiration date of this Public Notice to become part of the record and be considered in the decision. Comments should be mailed to the following address:

U.S. Army Corps of Engineers
ATTN: CENWP-OP-GP (Mr. Mark A. Everett)
P.O. Box 2946
Portland, Oregon 97208-2946

Applicant: Oregon State Department of Transportation
Attn: Patti E. Caswell
1158 Chemeketa Street NE
Salem, OR 97301

Location: Wetland/waterway feature adjacent to the Mill Creek overflow channel near Interstate 5 mileposts 253.53 - 249.48 in Sections 17, 18, and 20, of Township 8 South, Range 2 West, in Salem, Marion County, Oregon.

Project Description: The Oregon State Department of Transportation (ODOT) proposes to construct three new northbound lanes of pavement on the east side of Interstate 5 (I-5) for approximately 0.56 miles south of the intersection of I-5 and Highway 22. The maximum width of disturbance for the work will be approximately 150 feet from the existing edge of pavement. In addition, asphalt and concrete of the existing northbound lanes will be removed. A linear wetland/waterway feature exists to the east of the existing freeway within ODOT right-of-way. This feature flows north toward the Mill Creek overflow channel. A total of 0.71 acre of wetland/waterway will be directly impacted by fill for the freeway embankment.

A new roadside treatment swale will be constructed east of the new lanes. Stormwater will flow north through this swale and parts of the remnant channel, eventually entering the Mill Creek overflow channel.

The existing Mill Creek overflow bridge will be demolished and removed. Two existing interior bents/pilings that are in the channel will be removed to two feet below the existing grade. The new wider bridge will be built to the east of the existing structure. The proposed structure will have one interior bent located in the middle of the channel below the ordinary high water line, and two end bents located above. The interior bent will be supported by 24, 16-inch-diameter steel piles that will be driven using a hydraulic hammer. Construction of the interior bent will require approximately 100 cubic yards of fill in the Mill Creek overflow channel.

Proposed mitigation for impacts to Waters of the U.S. involves creation of 0.28 acres of alcove and creek terrace habitat along Mill Creek on Department of Corrections property and purchasing credits at the Marion Mitigation Bank. If a permit is issued, the Corps will determine what is appropriate and practicable compensatory mitigation. The amount of compensatory mitigation required shall be commensurate with the anticipated impacts of the project.

Purpose: The purpose of the project is to modernize a portion of Interstate 5 in order to improve safety and reduce localized congestion. The new northbound section will have an additional lane, which will function as a deceleration lane for traffic exiting I-5 at the North Santiam Interchange until the remaining segments of the highway are expanded in future phases. The Mill Creek Overflow bridge structure, which is near the end of its design life and has serious shear cracking, will be replaced as part of the modernization.

Drawings: Five (5) sheets identified as: ODOT, COE #200300259.

Additional Information: Additional information may be obtained from Mr. Mark A. Everett, Project Manager, U.S. Army Corps of Engineers at (503) 808-4388.

Authority: This permit will be issued or denied under the following:

Section 404, Clean Water Act (33 U.S.C. 1344), for discharge of dredged or fill material into waters of the United States.

Special Conditions: The requested permit, if issued, shall be subject in part to the following conditions:

Water Quality Certification: A permit for the described work will not be issued until certification, as required under Section 401 of the Clean Water Act (P.L. 95-217), has been received or is waived from the certifying state. Attached is the state's notice advertising the request for certification.

Section 404(b)(1) Evaluation: The impact of the activity on the public interest will be evaluated in accordance with the Environmental Protection Agency guidelines pursuant to Section 404(b)(1) of the Clean Water Act.

Public Hearing: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

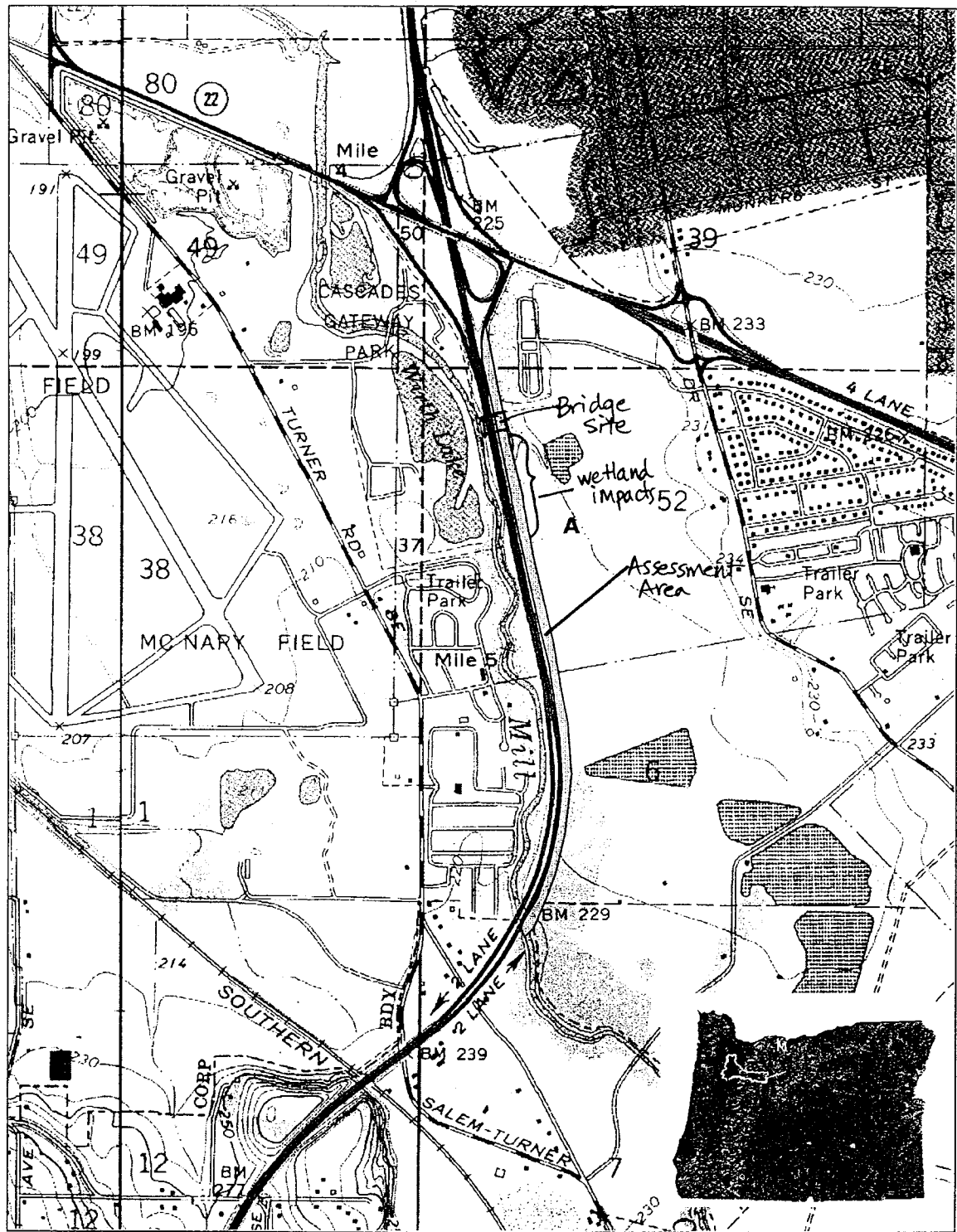
Endangered Species: Preliminary determinations indicate that the proposed activity may affect an endangered or threatened species or its critical habitat. Consultation under Section 7 of the Endangered Species Act of 1973 (87 Stat. 844) has been initiated by the Federal Highway Administration. A permit for the proposed activity will not be issued until the consultation process is completed.

Cultural Resources: The described activity is not located on property registered or eligible for registration in the latest published version of the National Register of Historic Places. The Corps solicits your substantive comments regarding any potential cultural resources, which may occur within the project area. This notice has been provided to the State Historic Preservation Office, American Indian Tribes, and other interested parties.

Evaluation: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the described activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit, which reasonably may be expected to accrue from the described activity, must be balanced against its reasonably foreseeable detriments. All factors, which may be relevant to the described activity will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, consideration of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Additional Requirements: State law requires that leases, easements, or permits be obtained for certain works or activity in the described waters. These State requirements must be met, where applicable, and a Department of the Army permit must be obtained before any work within the applicable Statutory Authority, previously indicated, may be accomplished. Other local governmental agencies may also have ordinances or requirements, which must be satisfied before the work is accomplished.



SOURCE: SALEM EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

0 0.1 0.2 0.3 0.4 0.5 Miles

0 0.25 0.5 0.75 Kilometers

VICINITY MAP

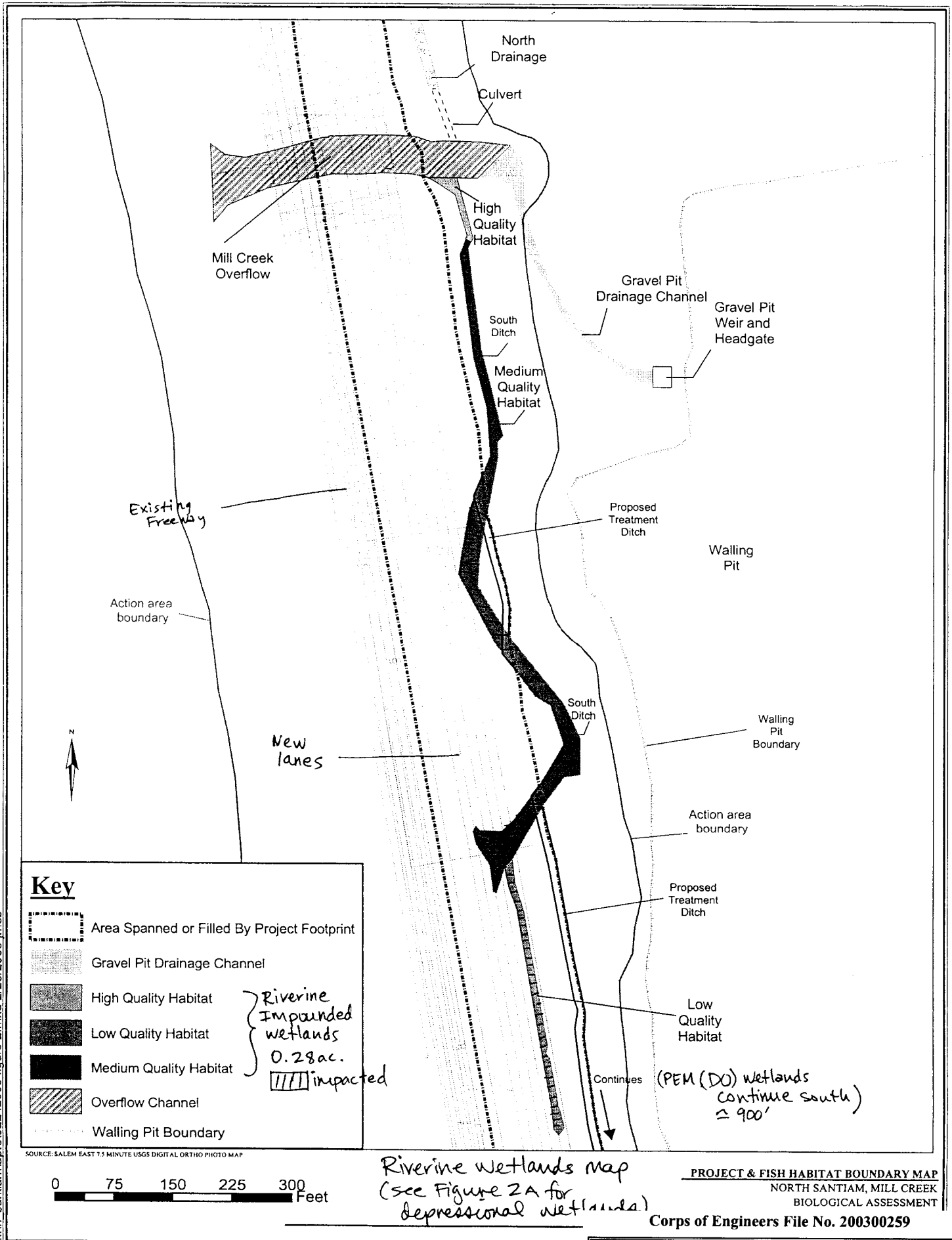
Corps of Engineers File No. 200300259







Applicant: ODOT

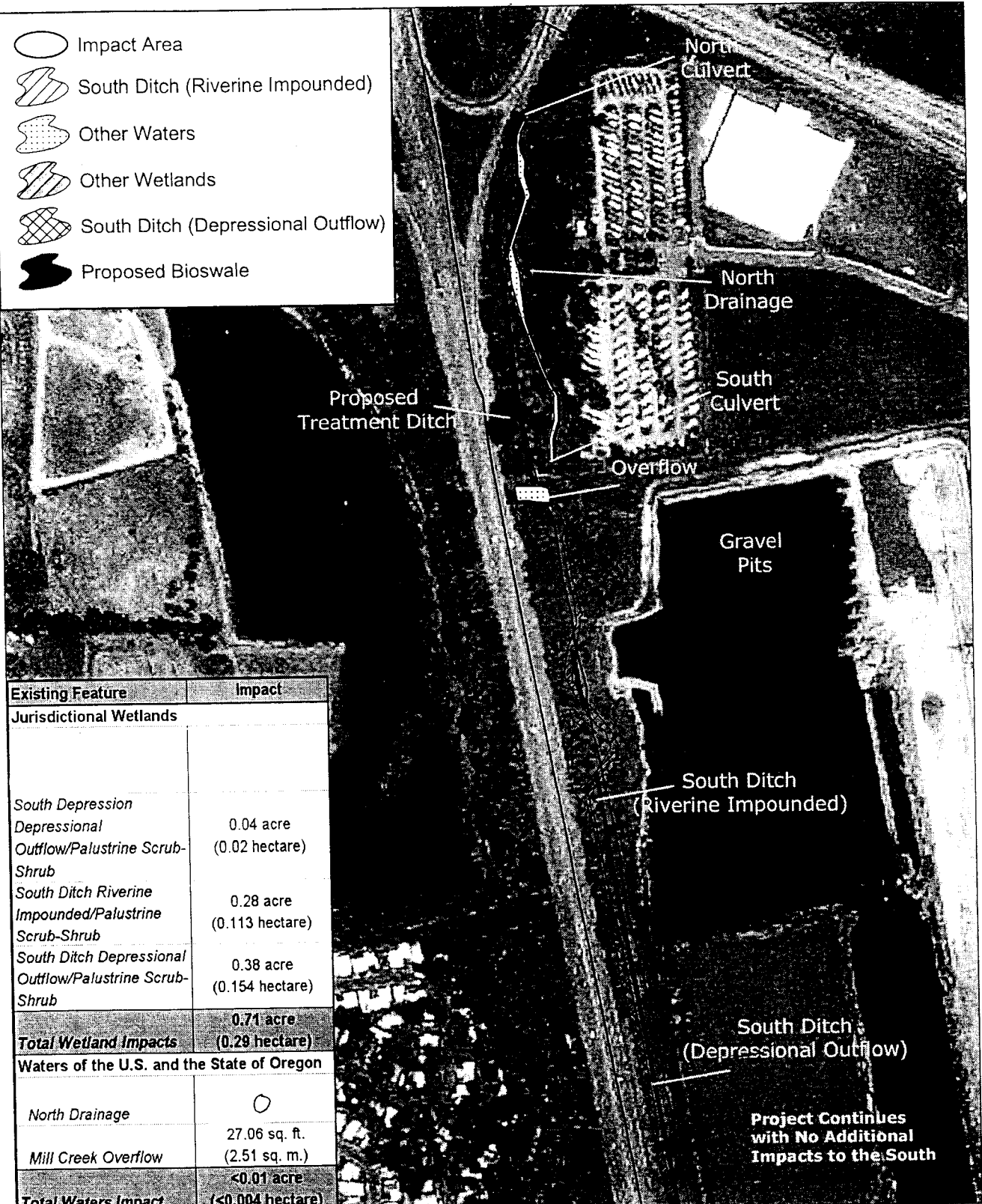
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Sheet 1 of 5

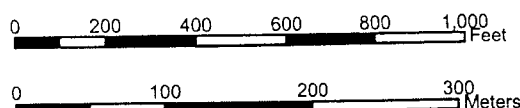
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-  Impact Area
-  South Ditch (Riverine Impounded)
-  Other Waters
-  Other Wetlands
-  South Ditch (Depressional Outflow)
-  Proposed Bioswale



SOURCE: SALEM EAST 7.5 MINUTE USGS DIGITAL ORTHO PHOTO MAP



WETLAND IMPACTS

North Santiam Highway, Battle Creek Road and
Marietta Street Bridge Project
Wetland Functional Assessment

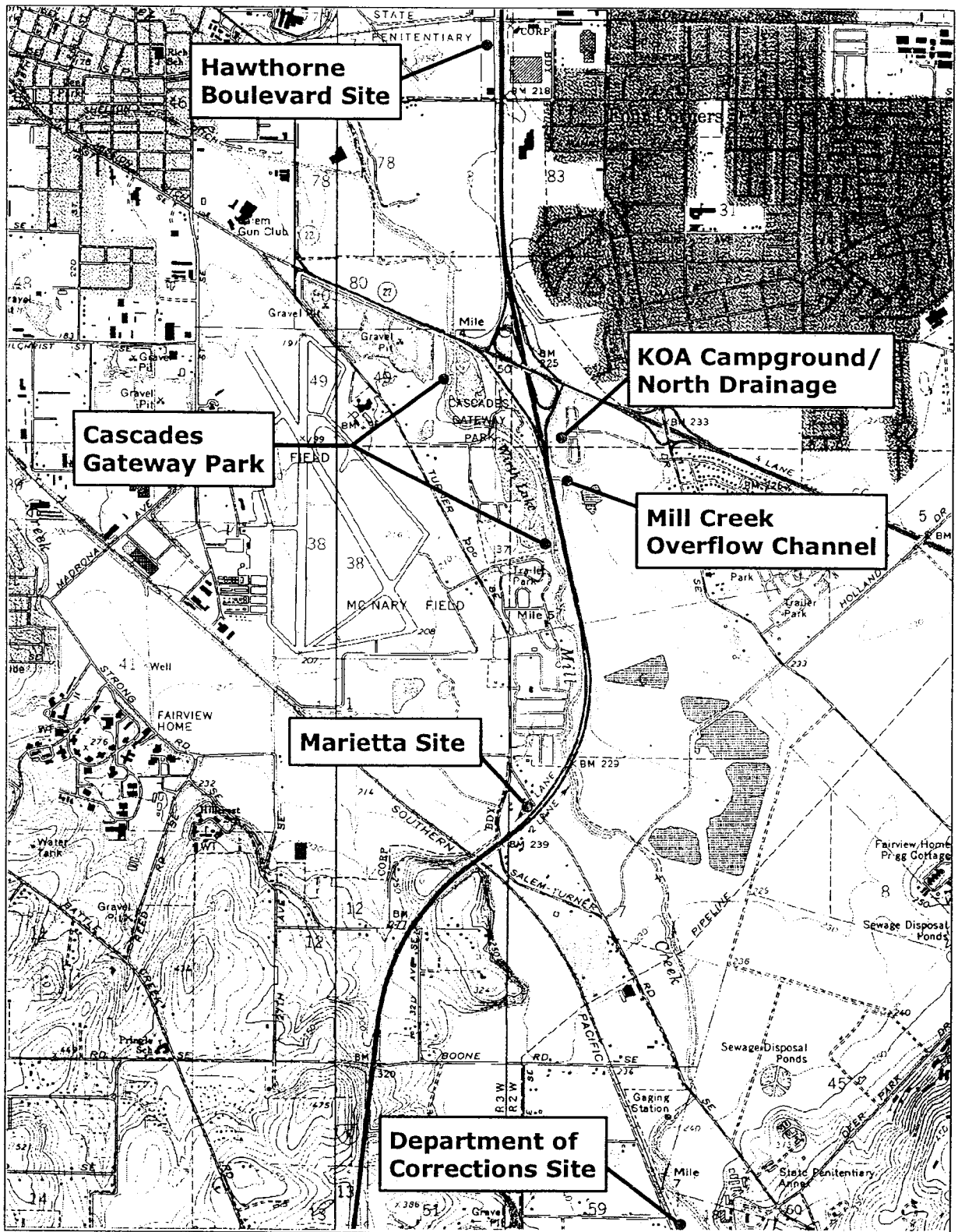
MARCH 2003

Corps of Engineers File No. 200300259

Applicant: ODOT

Date: 6/5/03

Sheet 3 of 5



SOURCE: SALEM EAST 7.5 MINUTE USGS TOPOGRAPHIC MAP

0 0.25 0.5 0.75 1 Miles

0 0.3 0.6 0.9 1.2 Kilometers

WETLAND MITIGATION SITE SEARCH

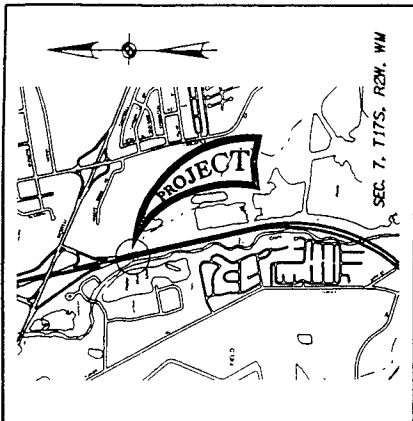
Corps of Engineers File No. 200300259

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Applicant: ODOT

Date: 6/5/03

Sheet 4 of 5



ITEMS	UNITS	DESIGN FLOOD	BASE FLOOD	MAX PROBABLE FLOOD
DISCHARGE	(m ³ /s)			
RECURRENT INTERVAL (YRS.)				
H.W. ELEV. AT UPSTREAM FACE OF BRIDGE ALONG EMBANKMENT	(m)			
BACKWATER	(m)			

Sta. 12+204 P.C.
El. 64.28

Proposed structure
+ 0.339%

GRADE PROFILE @ 0.339%
No Scale

LOCATION MAP
No Scale

GENERAL NOTES

All material and workmanship shall conform to the 1996 Standard Specifications for Highway Construction and the 1998 Supplemental Standard Specifications of the Oregon Department of Transportation. Bridge design is in accordance with Load and Resistance Factor Design Method (LRFD), 1994 with 1996 and 1997 updates.

Bridge designed for HL-93 loading with an allowance of 1.2 kN/mf for future wearing surface.

The site design bedrock acceleration coefficient (A) is 0.19g and the assumed soil response coefficient is 1.0.

All reinforcing steel shall conform to ASTM Specification A706M, or AASHTO M31M (ASTM A615M) Grade 420. The following splice lengths shall be used (unless shown otherwise):

Bar Size	10	13	16	19	22	25	29	32	36	43	57
Splice Unstaggered (mm)	300	325	425	600	825	1075	1350	1700	2100	2400	2950
Length Epoxy Coated (mm)	400	450	600	850	1150	1500	1900	2400	2950		

Splice reinforcing steel at alternate bars, staggered at least one splice length or as far as possible, unless shown otherwise.

Support the bottom mat of reinforcing steel from the forms with precast mortar blocks at 1 m maximum centers each way. Support the top mat of reinforcing steel from the bottom mat of reinforcing steel with reinforcing bar supports by Dayton Superior Co. (SBU, BBU, or CHCU) or approved equal at 1 m maximum centers.

All reinforcing steel in the upper portion of the slab and bridge end panel shall be epoxy coated. This includes top longitudinal bars, top transverse bars and all bars extending from the slab and bridge end panel into the bridge rail.

All bars shall be placed 50 mm clear of the nearest face of concrete unless shown otherwise.

Concrete in slab, cross-beams, and reinforced concrete end panels shall be Class 30-37.5 or 19.0.

See Div. No. 00000 for foundation general notes.
See Div. No. 00000 for detail general notes.

Existing Bridge #07671A

NOTE: All dimensions are in millimeters (mm) except as noted.

OREGON DEPARTMENT OF TRANSPORTATION
BRIDGE ENGINEERING SECTION



DESIGNER
Sergio Cherniakov

BY
Sergio Cherniakov

DATE

REVISION

DATE

ACCOMPANIED BY DWGS:
BR165, BR200, BR203 and RD545



DESIGNER
Sergio Cherniakov

BY
Sergio Cherniakov

DATE

REVISION

DATE

BRIDGE NO.
19127

DATE
11-MAR-2003

CALC. BOOK

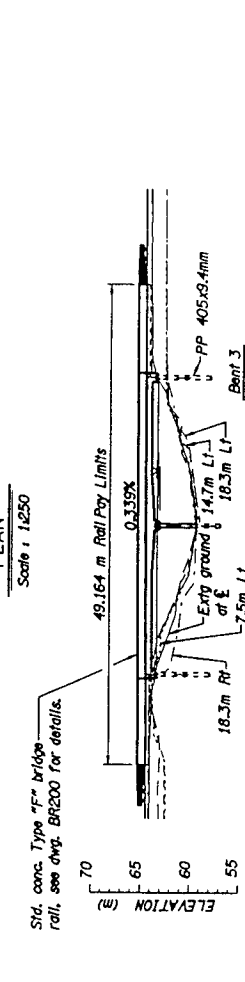
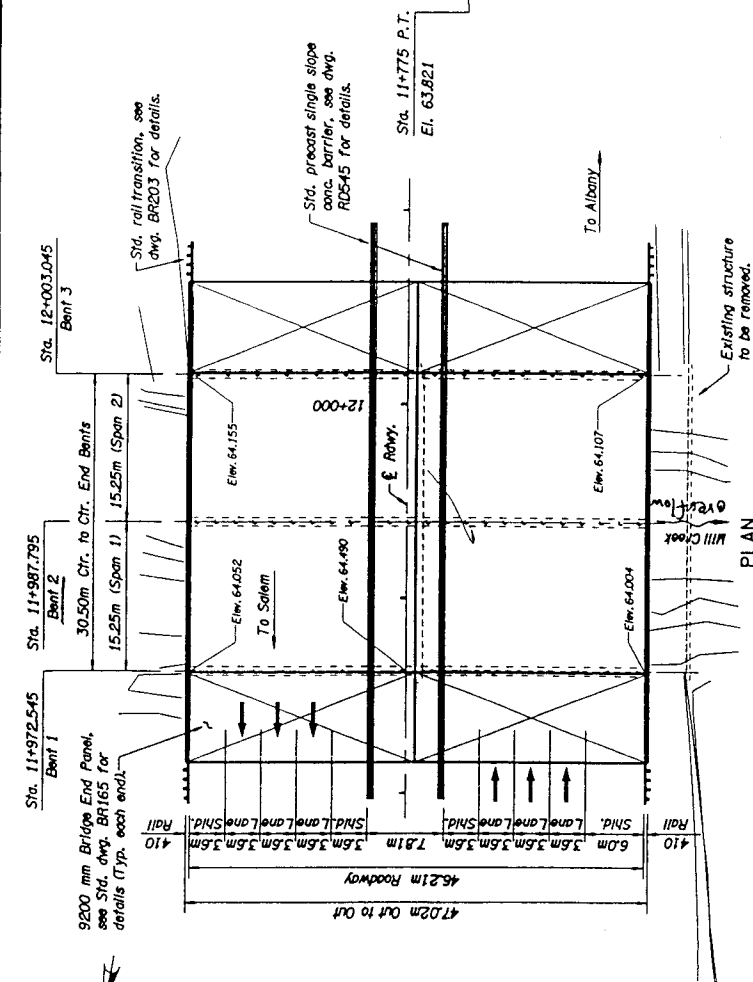
PROJECT NAME
BRIDGE PLAN AND ELEVATIONS

REGION TO
OREGON DIVISION

SHEET
OF

DRAWING NO.
MCB-01

Sheet MCB-01



NOTE:
Elevations shown are based on the National Geodetic Vertical Datum (M.S.L. = 0.0)

Corps of Engineers File No. 200300259

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Sheet 5 of 5

PUBLIC NOTICE
Oregon Department of Environmental Quality
Water Quality 401 Certification

Corps of Engineers Action ID Number: 200300259
Oregon Division of State Lands Number: 30265-GA

Notice Issued: June 6, 2003
Written Comments Due: July 7, 2003

WHO IS THE APPLICANT: Oregon State Department of Transportation

LOCATION OF CERTIFICATION ACTIVITY: See attached U.S. Army Corps of Engineers public notice.

WHAT IS PROPOSED: See attached U.S. Army Corps of Engineers public notice on the proposed project.

NEED FOR CERTIFICATION: Section 401 of the Federal Clean Water Act requires applicants for Federal permits or licenses to provide the Federal agency a water quality certification from the State of Oregon if the proposed activity may result in a discharge to surface waters.

DESCRIPTION OF DISCHARGES: See attached U.S. Army Corps of Engineers public notice on the proposed project.

WHERE TO FIND DOCUMENTS: Documents and related material are available for examination and copying at Oregon Department of Environmental Quality, Water Quality Division, 811 S.W. 6th Avenue, Portland, Oregon 97204

While not required, scheduling an appointment will ensure documents are readily accessible during your visit. To schedule an appointment please call Alice Kavajecz at (503) 229-6962.

Any questions on the proposed certification may be addressed to the 401 Program Coordinator, (503) 229-5845 or toll free within Oregon at 1-800-452-4011. People with hearing impairments may call DEQ's TTY at (503) 229-6993.

PUBLIC PARTICIPATION:

Public Hearing: Oregon Administrative Rule (OAR) 340-48-0020 (6) states that "The Director shall provide an opportunity for the applicant, any affected state, or any interested agency, person, or group of persons to request or petition for a public hearing with respect to certification applications. If the Director determines that new information may be produced thereby, a public hearing will be held prior to the Director's final determination. Instances of doubt shall be resolved in favor of holding the hearing. There shall be public notice of such a hearing."

Written comments:

Written comments on the proposed certification must be received at the Oregon Department of Environmental Quality by 5 p.m. on (full date). Written comments should be mailed to Oregon Department of Environmental Quality, Attn: 401 Program Coordinator, 811 S.W. 6th Avenue, Portland, Oregon 97204. ***People wishing to send written comments via e-mail should be aware that if there is a delay between servers or if a server is not functioning properly, e-mails may not be received prior to the close of the public comment period.*** People wishing to send comments via e-mail should send them in Microsoft Word (through version 7.0), WordPerfect (through version 6.x) or plain text format. Otherwise, due to conversion difficulties, DEQ recommends that comments be sent in hard copy.

WHAT HAPPENS NEXT: DEQ will review and consider all comments received during the public comment period. Following this review, the permit may be issued as proposed, modified, or denied. You will be notified of DEQ's final decision if you present either oral or written comments during the comment period. Otherwise, if you wish to receive notification, please call or write DEQ at the above address.

ACCESSIBILITY INFORMATION: This publication is available in alternate format (e.g. large print, Braille) upon request. Please contact DEQ Public Affairs at (503) 229-5766 or toll free within Oregon at 1-800-452-4011 to request an alternate format. People with a hearing impairment can receive help by calling DEQ's TTY at (503) 229-6993.